MENT BOOK

Dimensions			Contents	Reference to last Measureme
ngth 4	Breadth 5	Depth 6	7	8

BR No: 795/31-1-2017.

SBR-244/16-17, dt-31/1/17

M. A. R. 57 (Rule 116)
Measurement Book

No. B 257935

erial No. First and final bill:
ame of Work Improvements of roads From and drains in To Jakkur layout in Ward no-07,
ame of Contractor of nature of Agency byatarayanapura, Kodigehalli-Sub-division.
ate of commencement of work ↳ M/S KKIDL : Date: RP-795/31-01-17

Date	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	tel cost:-	Rs.50.00 lakhs.					
	Job sheat:-	007-17-000005.					
	A.C.No:-	11/2016.17 dt: 18.10.16.					
	T.C.No:-	59/16.17. dt: 10.10.16.					
	Agr. No:-	No.BBMP/EE/BTP/RP/139/16-17; date: 24-10-16.					
	Work order No:-	No.BBMP/EE/BTP/WO/139/16-17; date: 24-10-16.					
	Approved tenderprice:-	4585405.00.					
	Date of completion:-	30-01-17					
	Date of recording:-	30-01-17					

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No.01:-						
	Refilling available earth around pipe lines, cable in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lean upto 50m and lift upto 1.5m including cost of all labour complete as per specifications						
	Qty vide page No. 2580/257978 → 62.40 cum						4852
	At the rate of Rs: 77.76 →						4853.00
	Item No.02:-						
	Refixing stone slabs of drains and pointing in cm:-						
	Qty vide page No 2580/257978 → 76.50 sqm						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agen
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	fill the trat
	Item No.03:-
	Earthwork
	sanitary lines and
	above in width, in
	dressing the botto
	excavated soil cle
	after breaking

T BOOK

sions		Contents	Reference to last Measuremen
Breadth 5	Depth 6	7	8
nd pipe lines, cable in layers			
ting each deposited layer			
ean upto 50m and lift upto			
complete as per specifications			
2580 | 257978 → 68.00 cum			4852
77.76 →			4853.00
and pointing in cm:-			
No 2580 | 257978 → 76.50 sqm			

M. A. R. 57 (Rule 116)
Measurement Book

No. B 257936

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	At the rate of Rs: 78.84 →					5.85	6032.00
						5.85	6031-
	Item No.03:-					5.85	
	Earthwork in excavation for foundation of buildings, watersupply, sanitary lines and electrical conduits either in pits or in trenches 1.5m & above in width, in ordinary soil not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m after breaking of clods complete as per specifications.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Qty vide page No.	2580	25798	1 →	848.88 cum		
	At the rate of Rs:	159.84 →					1,35685.00
	Item. No.16:-						
	loading and unloading of stone boulder/ stone aggre-gates/ sand/ kankar/ moorum. placing tipper at loading point with front end loading, dumping turning for return trip, excluding time for haulage and return trip complete as per specifications:						
	Qty vide Item. No: 03 →			848.88 cum.			

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Nu
1	2	
	At the rate	of
	Item. No.04:-	
	Providing and	
	nominal mix 1:4:8 usi	
	machine mixed, concrete	
	well compacted in	
	materials labour,	

BOOK

ions		Contents	Reference to last Measurement
readth 5	Depth 6	7	8
→	848.88 cum		1,35685.00
stone boulder/ stone aggre-			
tipper at loading point			
ning for return trip,			
return trip complete as			
48.88 cum.			

M. A. R. 57 (Rule 116)
Measurement Book

No. B

257937

erial No. .....
ame of Work ..... From..... To.....
ame of Contractor of nature of Agency .....
ate of commencement of work .....

Date	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	At the rate	of Rs. 94.82	→				80491.00
	Item. No. 04:-						
	Providing and laying in position plain cement concrete of nominal mix 1:4:8 using 40mm and down size graded granite metal machine mixed, concrete laid in layers not exceeding 15cms. thick well compacted in foundation and plinth, including cost of all materials labour, HOM of machinery, curing complete as per						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	specifications:						
	Qty vide page No. 2580/257	983			→	166.32 cum.	
	At the rate of Rs. 5070.60				→		843342.60
	Item No.09:-						
	Providing and fabricating TMT steel reinforcement for RCC work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary: :						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Qty vide page
	At the rate
	Item No.10:-
	Providing and
	propping etc., and
	as walls at any thick
	plinth and string co
	as per specifications

OOK

dth	Depth 6	Contents 7	Reference to last Measuremen 8
	→ 166.32 cum.		843342.60

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Qty vide page. No. 258 & 259		85 →		1009.20 sqm		
	At the rate of Rs: 306.72 →						309541.60
	Item. No.05:-						
	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregates @ 0.459 cum, machine mixed concrete laid in layers not exceeding 15cms, thick well compacted in foundation, plinth and cills including cost of all						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	
1	2	
	materials, labour in	
	Specifications:	
	REC-DRAIN	
	1st 'A' cross:	CH:
		0-15m
		0-15m
		0-15m
		0-15m
		0-15m
		0-15m
		0-15m

ENT BOOK

Dimensions			Contents	Reference to last Measurement
th	Breadth 5	Depth 6	7	8
7985 →	1009·20 sqm			
→				309541·00
position plain cement concrete				
s, with 20mm and down				
arse aggregate @ 0·69 cum				
um, machine mixed concrete				
15cms, thick well compacted				
including cost of all				

M. A. R. 57 (Rule 116)
Measurement Book

No. B 257939

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	2	Number 3	Length 4	Breadth 5	Depth 6	7	8
	Materials, labour in	from	machinery	curing	complete as per		
	Specifications:						
	REC-DRAIN						
	CH:						
	1st 'A' cross: 0-15m	02	15·00	0·90	0·15	= 4·05	
	0-15m	02	15·00	0·90	0·15	= 4·05	
	0-15m	02	15·00	0·90	0·15	= 4·05	
	0-15m	02	15·00	0·90	0·15	= 4·05	
	0-15m	02	15·00	0·90	0·15	= 4·05	
	0-15m	02	15·00	0·90	0·15	= 4·05	
	0-15m	02	15·00	0·90	0·15	= 4·05	

MEASUREMENT BOOK

Date	Full description, etc, of work		Dimensions				Contents	Reference to last Measurement
			Number	Length	Breadth	Depth		
1	2		3	4	5	6	7	8
		0-15m	02	15.00	0.90	0.15	= 4.05	
		0-14m	02	14.00	0.90	0.15	= 3.78	
		0-21m	02	21.00	0.90	0.15	= 5.67	
	Towards SWD	0-19m	01	19.00	0.90	0.15	= 2.57	
	Towards SWD	0-19m	01	19.00	0.90	0.15	= 2.57	
	Cross road:	0-25m	02	25.00	0.90	0.15	= 6.75	
	SIDEWALL:-							
	1st 'A' cross:-	0-15m	04	15.00	0.15	0.60	= 5.40	
		0-15m	04	15.00	0.15	0.60	= 5.40	
		0-15m	04	15.00	0.15	0.60	= 5.40	
		0-15m	04	15.00	0.15	0.60	= 5.40	

M.

Serial No. .....

Name of Work ..... F

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Num
1	2	3
	0-15m	04
	0-15m	04
	0-15m	04
	0-15m	04
	0-14m	04
	0-21m.	04
	Culvert - Bottom: -	
	1st 'A' cross:	02
	Next to Doddamma temple.	01

NT BOOK

ensions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
0·90	0·15 =	4·05	
0·90	0·15 =	3·78	
0·90	0·15 =	5·67	
0·90	0·15 =	2·57	
0·90	0·15 =	2·57	
0·90	0·15 =	6·75	
0·15	0·60 =	5·40	
0·15	0·60 =	5·40	
0·15	0·60 =	5·40	
0·15	0·60 =	5·40	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

257940

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	0-15m	04	15·00	0·15	0·60	= 5·40	
	0-15m	04	15·00	0·15	0·60	= 5·40	
	0-15m	04	15·00	0·15	0·60	= 5·40	
	0-15m	04	15·00	0·15	0·60	= 5·40	
	0-14m	04	14·00	0·15	0·60	= 5·04	
	0-21m.	04	21·00	0·15	0·60	= 7·56	
	Culvert - Bottom: -						
	1st 'A' cross:	02	8·00	1·20	0·15	= 4·32	
	Next to Doddamma temple.	01	5·00	1·20	0·15	= 1·35	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Retaining Wall [Near Sanjeevininagara:]	01	7.50	0.80	3.60 =	21.60	
	RCC- Drain:-						
	Towards SWD 0-19m	02	19.00	0.15	0.60 =	3.42	
	Towards SWD 0-19m	02	19.00	0.15	0.60 =	3.42	
	Cross road: 0-25m	04	25.00	0.15	0.60 =	9.00	
						152.650 cum.	
	Qty ltd to	152.24 cum					83590/-
	At the rate of	Rs: 5490.72 →					835880.00

Serial No. .....
Name of Work ..... F
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Num
1	2	3
	Item No.07:-	
	Providing and con	
	masonry in foundation wi	
	dressed in courses not less	
	in each courses including	
	complete as per specifica	
	1st 'A' cross:-	02 x
	Near Doddamma temple:-	01

NT BOOK

mensions		Contents	Reference to last Measuremen
Breadth 5	Depth 6	7	8
0·80	3·60 =	21·60	
0·15	0·60 =	3·42	
0·15	0·60 =	3·42	
0·15	0·60 =	9·00	
		152·650 cum.	
→			835907 / 835880·00

M. A. R. 57 (Rule 116)
Measurement Book

No. B

257941

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc. of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Item No 07:-						
	Providing and constructing granite/trap/basalt size stone masonry in foundation with cement mortar 1:6, stone hammered dressed in courses not less than 20 cms high, bond stones at two m apart in each courses including cost of materials, labour, curing etc, complete as per specifications:						
	1st 'A' store:-	02×02=4	8·00	0·45	0·60	= 8·64	
	Near Doddamma temple:-	01	5·00	0·45	0·60	= 2·70	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Qty Hd to 11.34cum.					= 11.34cum	
	At the rate of	Rs:	3456.00 →				39192.00
	Item No.08:-						
	Providing ruled pointing of course stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing etc., complete:						
	Culverts - sidewall:-	04	8.00	-	0.60	= 19.20	
		02	5.00	-	0.60	= 6.00	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Rec-drain-covering slab.- 18th cross

T BOOK

sions		Contents	Reference to last Measuremer
Breadth 5	Depth 6	7	8
	=	11.34cum	
			39192.00
rse stone masonry with			
raking joints to depth of			
materials, labour, curing			
0.60	= 19.20		
0.60	= 6.00		

M. A. R. 57 (Rule 116)
Measurement Book

No. B

257942

erial No. .....
ame of Work ..... From..... To.....
ame of Contractor of nature of Agency .....
ate of commencement of work .....

Date	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	RCC-drain covering slab.- 18"A' cross	02	15.00	0.90	-	= 27.00	
		02	15.00	0.90	-	= 27.00	
		02	15.00	0.90	-	= 27.00	
		02	15.00	0.90	-	= 27.00	
		02	15.00	0.90	-	= 27.00	
		02	15.00	0.90	-	= 27.00	
		02	15.00	0.90	-	= 27.00	
		02	15.00	0.90	-	= 27.00	
		02	15.00	0.90	-	= 27.00	
		02	14.00	0.90	-	= 25.20	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		02	21.00	0.90	–	= 37.80	
	Towards SWD	01	19.00	0.90	–	= 17.10	
	Towards SWD.	01	19.00	0.90	-	= 17.10	
	Cross road:	02	25.00	0.90	–	= 45.00	
	School road - drain	02	18.00	0.60	–	= 21.60.	
	Slabs pointing:-				TOTAL	= 405.00 Sqm	
	At the rate of	Rs: 35.64					14434.20
Item. No.11:-							
	Providing and fixing 10cms thick precast RCC covering slab using reinforced cement concrete M20 mix with stone						

Serial No. .....
Name of Work .....
Name of Contractor of nature of A
Date of commencement of work .

Date	Full description, etc, of
1	2
	aggregate 20
	reinforcement e
	down size inclu
	bending machine
	thick wall comp
	as per specific
	RCC-drain coverin
	1st Across:-
	(10 Slabs 0

EMENT BOOK

Dimensions			Contents	Reference to last Measureme
Length 4	Breadth 5	Depth 6	7	8
21.00	0.90	-	= 37.80	
19.00	0.90	-	= 17.10	
19.00	0.90	-	= 17.10	
25.00	0.90	-	= 45.00	
18.00	0.60	-	= 21.60.	
	TO TAL =		405.00 Sqm	
4				14434.20
oems thick precast RCC covering				
concrete M20 mix with stone				

M. A. R. 57 (Rule 116)
Measurement Book

No. B

257943

rial No. .....
me of Work ..... From..... To.....
me of Contractor of nature of Agency .....
te of commencement of work .....

ate	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	aggregate 20mm and down size including centering shuttering reinforcement cement concrete M20 mix with stone aggregate 20mm & down size including centering shuttering reinforcement and bar bending machine mixed concrete laid in layers not exceeding 15cm thick well compacted cost of all materials labour curing complete as per specifications:						
	RCC-drain covering:-						
	1st Across:- CH:						
	0-15m	02	15.00	0.90	-	= 27.00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	0-15m	02	15.0	0.9	-	= 27.00	
	0-15m	02	15.0	0.9	-	= 27.00	
	0-15m	02	15.0	0.9	-	= 27.00	
	0-15m	02	15.0	0.9	-	= 27.00	
	0-15m	02	15.0	0.9	-	= 27.00	
	0-15m	02	15.0	0.9	-	= 27.00	
	0-15m	02	15.0	0.9	-	= 27.00	
	0-14m	02	14.0	0.9	-	= 25.20	
	0-21m	02	21.0	0.9	-	= 37.80	
Towards SWD:	0-19m	01	19.0	0.9	-	= 17.10	
Towards SWD:	0-19m	01	19.0	0.9	-	= 17.10	
cross road:	0-25m	02	25.0	0.9	-	= 45.00	
						358.20 Sqm	

C&F.C. 31/01

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Missing slabs:-
	Jakkur layout main road:
	C&F.C. 31/01
	Qty Ltd to At the rate

ENT BOOK

gth	Breadth 5	Depth 6	Contents 7	Reference to last Measuremen 8
	0.9	-	= 27.00	
0	0.9	-	= 27.00	
0	0.9	-	= 27.00	
0	0.9	-	= 27.00	
0	0.9	-	= 27.00	
0	0.9	-	= 27.00	
0	0.9	-	= 27.00	
0	0.9	-	= 25.20	
0	0.9	-	= 37.80	
0	0.9	-	= 17.10	
0	0.9	-	= 17.10	
0	0.9	-	= 45.00	
			358.20 sqm	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

257944

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Missing slabs:-						
	Jakkur layout main road:	02	30.00	0.9	- =	54.00	
		01	10.00	0.9	- =	9.00	
		01	22.00	0.9	- =	19.80	
		01	26.00	0.9	- =	23.40	
		02	25.00	0.9	- =	45.00	
		01	24.5	0.9	- =	22.05	
		01	30.00	0.9	- =	27.00	
						558.45 sqm	
	Qty Ltd to	556.20 sqm					
	At the rate	of Rs	1777.75	→			988785.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No.12:-						
	Providing and fixing 20cm thick precast RCC covering slab using reinforced cement concrete M20 mix with stone aggregate 20mm and down size including centering shuttering reinforcement and bar bending machine mixed concrete laid in layers not exceeding 15cm thick well compacted cost of all materials labour, curing complete as per specification						
	culvert slabs:-						
		30	1.80	0.60	-	= 32.40	
	At the rate of	Rs:	4402.79	→			142650.40

Serial No. .....
Name of Work .....
Name of Contractor of nature of Ag
Date of commencement of work ...

Date	Full description, etc, of w
1	2
	Item No.15:-
	Providing
	At the
	Item No.06:-
	Providing
	down size gra
	ready mix co

mensions			Contents	Reference to last Measureme
n	Breadth 5	Depth 6	7	8
n thick	precast RCC covering			
concrete	M20 mix with stone			
including	centering shuttering			
machine	mixed concrete laid			
thick	well compacted cost			
	complete as per specification			
0	0.60	–	= 32.40	
2.79 →				142650.40

M. A. R. 57 (Rule 116)
Measurement Book

No. B

257945

erial No. .....
ame of Work ..... From..... To.....
ame of Contractor of nature of Agency .....
ate of commencement of work .....

Date	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Item. No.15:–						
	Providing and fixing MS grating 250 x 260 mm.	40.00	–	–	–	= 40.00 Nos.	
	At the rate of Rs:		89.00 →				3560.00
	Item. No.06:–						
	Providing and laying in cement concrete using 20mm and down size granite coarse aggregate and fine aggregates of ready mix concrete (RMC) for RCC works laid in 15cm thick						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	and well compacted ~~necessary~~ cement mortar with all lead and lifts, etc., complete: o		ribbing, curing, finishing with				
	Road Next to doddamma temple:-						
	CH:						
	0-6m	01	06.0	4.12	0.15	= 3.70	
	0-8m	01	08.0	3.07	0.15	= 3.60	
	0-5m	01	5.0	3.50	0.15	= 2.63	
	0-23m	01	23.0	3.50	0.15	= 12.07	
	0-30m	01	30.00	3.00	0.15	= 13.50	
	Cross road:-						
	0-30m	01	30.00	2.60	0.15	= 11.70	

C&FL 31.01

Executive Engineer
Byatarayanapura Division
Yelahanka Zone, B.B.M.P.
Bangalore - 560 092

rial No. .....
me of Work .....
me of Contractor of nature of Ag
te of commencement of work ...

Date	Full description, etc, of w
	2
	Mainroad:-

T BOOK

sions		Contents	Reference to last Measuremer
Breadth 5	Depth 6	7	8
euring finishing with			
lead and lifts, etc.,			
4·12	0·15 = 3·70		
3·60	0·15 = 3·60		
3·50	0·15 = 2·63		
3·50	0·15 = 12·07		
3·00	0·15 = 13·50		
2·60	0·15 = 11·70		

M. A. R. 57 (Rule 116)
Measurement Book

No. B

257946

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number 3	Length 4	Breadth 5	Depth 6	7	8
	0-30m	01	30·00	3·00	0·15 =	13·50	
	0-8m	01	8·00	3·00	0·15 =	4·32	
	Mainroad:-						
	0-15m	01	15·00	8·30	0·15 =	18·68	
	0-27m	01	27·00	6·00	0·15 =	24·30	
					TOTAL =	108·00 cum	
	Qty ltd to 105·98 cum.						671070-00
	At the rate of Rs 6332·04 →						671038·00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item. No.13:-						
	Vaccum- de-watering with vaccum pump and suction mat and compaction with 5hp floater clubbed with floating disc including cost of generator, HOM of machinery screed vibratory, power floater, blade and disc. etc.,						
	with all leads and lift.	01	30.00	3.00	-	= 90.00	
		01	30.00	2.50	-	= 75.00	
	Road next to doddamma	01	12.00	3.00	-	= 36.00	
	temple:- 0-30m	01	30.00	3.00	-	= 90.00	
	0-30m	01	30.00	2.50	-	= 75.00	
	0-8m	01	8.00	3.50	-	= 28.00	
	Main road:- 0-15m	01	15.00	8.00	-	= 120.00	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agenc
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	0-2
	Qty lt
	At the
	Item No.14:-
	Providing gr
	80mm - 100mm incl
	HOM of machinery

NT BOOK

ensions		Contents	Reference to last Measureme
Breadth 5	Depth 6	7	8
			vacuum pump and suction
			floater clubbed with
			enerator, HOM of machinery
			r, blade and disc. etc.,
3.00	-	= 90.00	
2.50	-	= 75.00	
3.00	-	= 36.00	
3.00	-	= 90.00	
2.50	-	= 75.00	
3.50	-	= 28.00	
8.00	-	= 120.00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

257947

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	0-27m	01	27.00	6.00	- =	162.00	
						676.00	sqm.
	Qty Hd to 676.00 sq.m.						
	At the rate of Rs 97.20 →						65707.00
	Item No.14:-						
	Providing groove cutting for width of 5mm to 100mm and depth 80mm - 100mm including cost of cutting machine, generator and HOM of machinery, including cost of blade, coolant etc, including						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	cleaning of groove, and providing sand and hot bitumen pillars and filler metal etc., including cost of all materials, labour, lead and lift charges and all other incidental charges as per drawing and as per specifications:						
	Road next to doddamma temple:	01	4.00	-	-	= 4.00	
		01	3.00	-	-	= 3.00	
		01	3.00	-	-	= 3.00	
		03	3.00	-	-	= 9.00	
	Cross road:-	05	2.50	-	-	= 12.50	
		05	2.00	-	-	= 10.00	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Main road:-
	Qty lt-4 to At the rate

MENT BOOK

Dimensions			Contents	Reference to last Measureme
gth 4	Breadth 5	Depth 6	7	8
ng sand and hot bitumen				
uding cost of all materials,				
and all other incidental				
es per specifications:				
0 -	-	= 4.00		
-	-	= 3.00		
-	-	= 3.00		
-	-	= 9.00		
-	-	= 12.50		
-	-	= 10.00		

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

257948

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Main road:-	05	3.00	-	- =	15.00	
		01	3.6	-	- =	3.60	
		03	5.0	-	- =	15.00	
		04	4.2	-	- =	16.80	
						91.90 m.	
	Qty ltd to .	91.90m					
	At the rate of	Rs: 124.20					11413.98
							11289.78
				GRAND TOTAL =			4589525.00
							45,82,788.81

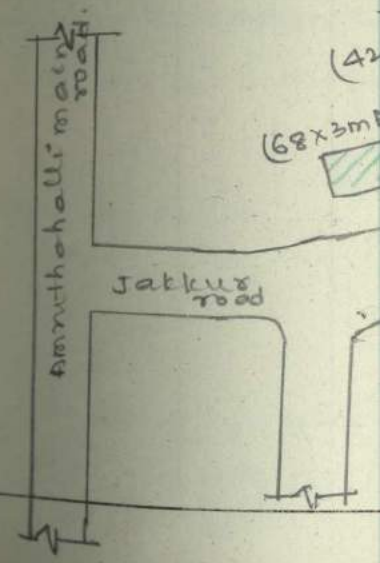
LGM
30/1/14

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Add 8% + 1 = 9% KRIDL charges =					4,12,451-00 3,66,600.00	
	GRAND TOTAL=					49 49125.00	
						49,95,239-00	
	Rs Fifty Lakhs Only						
	AE(W7)						
	30/01/17						

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಕೊಡಿಗೇಹಳ್ಳಿ ಉಪವಿಭಾಗ
ಯಲಹಂಕ ಪಟ್ಟಣ, ಬಿ.ಡಿ.ಎ.ಎಂ.ಪಿ
ಬೆಂಗಳೂರು - 560092

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ..
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	

MENT BOOK

Dimensions			Contents	Reference to last Measurement
ength 4	Breadth 5	Depth 6	7	8
% L charges =			412451-00 366600.00	
AL=			49 49125.00	
Sum			49,95,239-00	
W. N.D				
AE(W)				
30/01/17				

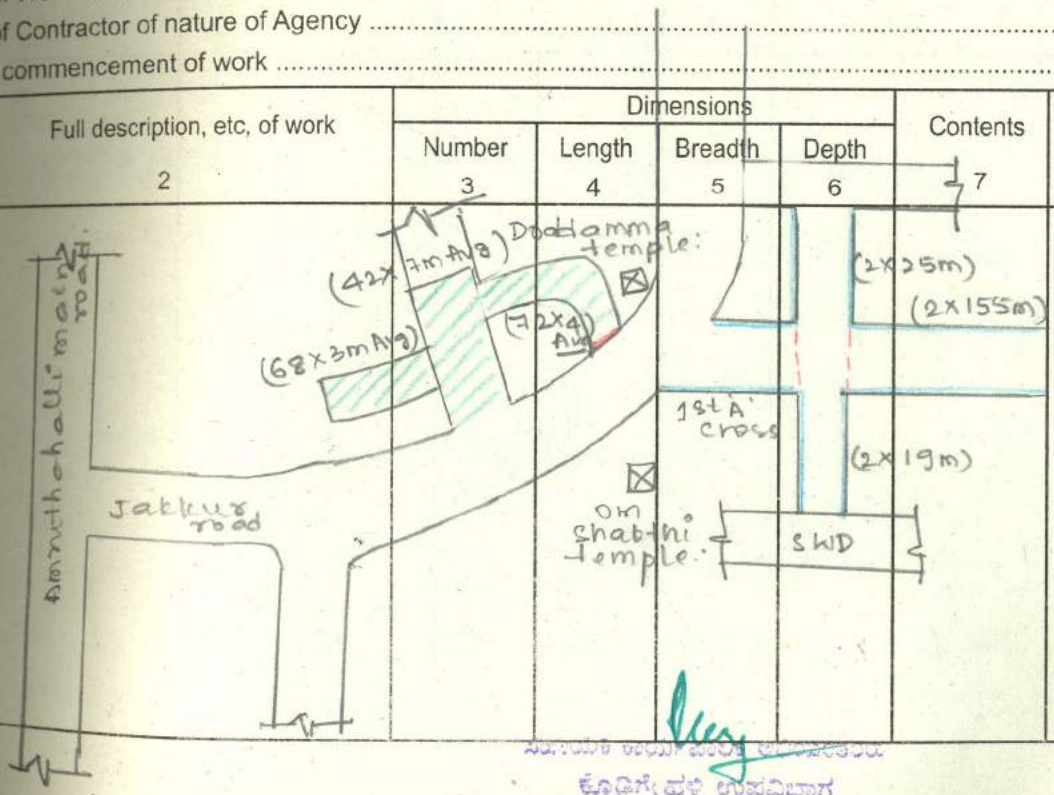
ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಕೊಡಿಗೇಹಳ್ಳಿ ಉಪವಿಭಾಗ
ಯಲಹಂಕ ವಲಯ, ಬಿ.ಬಿ.ಎಂ.ಪಿ.
ಬೆಂಗಳೂರು - 560092

M. A. R. 57 (Rule 116)
Measurement Book

No. B 257949

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಕೊಡಿಗೇಹಳ್ಳಿ ಉಪವಿಭಾಗ
ಯಲಹಂಕ ವಲಯ, ಬಿ.ಬಿ.ಎಂ.ಪಿ.

W. N.D
AE(W)

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Certificate: 1) certified the work done by the contractor is satisfactory 2) certified that debris has been removed from the work spot. Asst.Ly.N.D AE(W)						

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಕೊಡಿಗೆ ಹಳ್ಳಿ ಉಪವಿಭಾಗ
ಯಲಹಂಕ ಮಲಾಂ, ಬಿ.ಬಿ.ಎಂ.ಪಿ
ಬೆಂಗಳೂರು - 560092

Serial No. Rogalty charges
Name of Work .....
Name of Contractor of nature of Agenc
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Sl.No. Details | Qty | Uni
01	PCC - 1:4:8 - cum 15
02	PCC: 1:2:4 - 145.8 cu
03	RMC: 86.41 cum
	TOTAL
	Abstract:-
	coarse aggrega
	fine aggregate

T BOOK

nsions		Contents	Reference to last Measureme
Breadth 5	Depth 6	7	8
		contractor is satisfactory	
		removed from the	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 257950

erial No. Royalty chaoges:-
ame of Work ..... From..... To.....
ame of Contractor of nature of Agency .....
ate of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
		3 coarse agg	4 fine agg	5	6	7 cement	8
Sl.No.	Details / qtg / Unit	co-eff	qty	co-eff	qty	co-eff	qty:
01	PCC - 1:4:8 - cum 158.72	1 0.96	152.37	0.48	76.18		
02	PCC: 1:2:4 - 145.80 cum	1 0.90	131.22	0.45	65.61		
03	RMC: 86.41 cum	0.85	73.44	0.416	35.94		
	TOTAL		357.03		177.73		
	Abstract:-						
	coarse aggregate:	357.03	cum x 108/cum	=		38559.20.	
	fine aggregate:	177.73	cum = 103/cum	=		18306.19	
						56865.40.	

Be|795|31-01-2017

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measureme
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
						Total Rs: 49,95,239-00	
						VT- 99905-00	
						VAT- 199810-00	
						Cess- 49952-00	
						CBF- 4995-00	
						FSD- 249762-00	
						LR- 56865-00	
						Adj Rs: 6,61,289-00	
						Cheque: 43,33,950-00	

Audited & Admitted for Rs 49,95,239-00
Rs 43,33,950-00 (Rupees Forty three lakhs thirty three thousand nine hundred fifty only) by Cheque
and Rs 6,61,289-00 by adjustment

Accts. Supdt. Exe. Engineer 23/02
Byatarayanapura Dn Byatarayanapu Dn
BBMP. BBMP.
23/02

Serial No. .....
Name of Work .....
Name of Contractor of nature of
Date of commencement of work

Date	Full description, etc,
1	2